

Docket No. F00-212-US  
FUJIT.011



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

here patent application of  
Masayoshi Koike

Allowed: March 28, 2005  
Confirmation No.: 8880

Serial No.: 09/725,496

Group Art Unit: 2811

Filed: November 30, 2000

Examiner: Sara W. Crane

For: LIGHT-EMITTING DEVICE USING GROUP III NITRIDE COMPOUND  
SEMICONDUCTOR

Honorable Commissioner of Patents  
Alexandria, Virginia 22313-1450

**REQUEST FOR ISSUE DATE**

Sir:

The undersigned respectfully requests an Issue Notification for the above-identified allowed application. The issue fee was paid on June 16, 2005 (copy attached). A Supplemental Notice of Allowability dated August 17, 2005, and an Office Communication dated September 14, 2005 (copies attached), were received by our office. Since that date, we have received no further communication from the Patent Office in this matter.

Applicants respectfully request that an Issue Notification be provided indicating the issue date for the Letters Patent in the above-identified allowed application.

If there are any questions on this matter, please direct all telephone calls to the number shown below.

The Commissioner is authorized to charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Date: 3/10/06

Respectfully submitted,

Sean M. McGinn, Esq.  
Registration No. 34,386

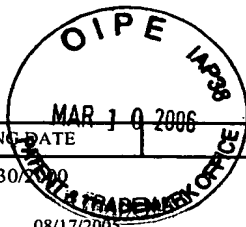
**MCGINN INTELLECTUAL PROPERTY  
LAW GROUP, PLLC**

8321 Old Courthouse Road, Suite 200  
Vienna, VA 22182-3817  
(703) 761-4100  
Customer No. 21254



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/725,496

11/30/2000

Masayoshi Koike

PM 275294 FOO-212-US

8880

21254

7590

08/17/2005

MCGINN & GIBB, PLLC  
8321 OLD COURTHOUSE ROAD  
SUITE 200  
VIENNA, VA 22182-3817

**RECEIVED**

AUG 18 2005

*FUTIT-011*  
MCGINN & GIBB, P.C.

EXAMINER

CRANE, SARA W

ART UNIT

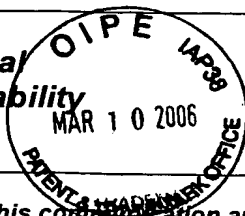
PAPER NUMBER

2811

DATE MAILED: 08/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Supplemental  
Notice of Allowability**



Application No.

09/725,496

Examiner

Sara W. Crane

Applicant(s)

KOIKE ET AL.

Art Unit

2811

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_\_.
2. ☐ The allowed claim(s) is/are \_\_\_\_\_.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Sara W. Crane  
Primary Examiner  
Art Unit: 2811

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In response to a query from the printer, claims originally numbered 36 and 38 are amended so that they depend from claim originally numbered 9.

Without the amendment, the claims would depend from claim 8, which was canceled as non-elected. The two claims 18 and 20 contain the same limitations as claims 28 and 37, which depend directly from independent claim 1.

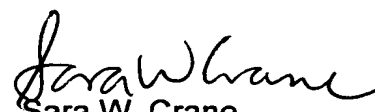
Any inquiry concerning this communication or earlier communications from the examiner should be directed to S. Crane, whose telephone number is (571) 272-1652.

The supervisor for Art Unit 2811, Eddie Lee can be reached on (571) 272-1732. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 09/725,496  
Art Unit: 2811

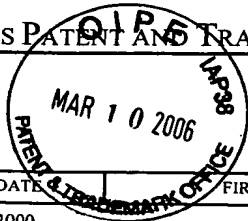
Page 3

  
Sara W. Crane  
Primary Examiner  
Art Unit 2811



RECEIVED

UNITED STATES PATENT AND TRADEMARK OFFICE



McGINN & GIBB, P.C.

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,496	11/30/2000	Masayoshi Koike	PM 275294 FOO-212-US	8880

21254 7590 09/14/2005

McGINN INTELLECTUAL PROPERTY LAW GROUP, PLLC  
8321 OLD COURTHOUSE ROAD  
SUITE 200  
VIENNA, VA 22182-3817

EXAMINER

CRANE, SARA W

ART UNIT PAPER NUMBER

2811

DATE MAILED: 09/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Response to Rule 312 Communication**

Application No.

09/725,496

Examiner

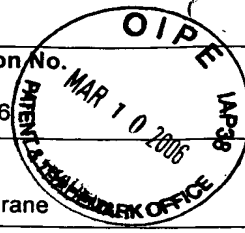
Sara W. Crane

Applicant(s)

KOIKE ET AL.

Art Unit

2811



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

SWL  
response

1. ☒ The ~~amendment~~ filed on 31 August 2005 under 37 CFR 1.312 has been considered, and has been:

a) ☒ entered.

b) ☐ entered as directed to matters of form not affecting the scope of the invention.

c) ☐ disapproved because the amendment was filed after the payment of the issue fee.

Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

d) ☐ disapproved. See explanation below.

e) ☐ entered in part. See explanation below.

*Sara W. Crane*  
Sara W. Crane  
Primary Examiner  
Art Unit: 2811

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (703) 746-4000**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed to a new address in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

21254

7590

03/28/2005

**MCGINN & GIBB, PLLC**  
**8321 OLD COURTHOUSE ROAD**  
**SUITE 200**  
**VIENNA, VA 22182-3817**

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**  
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

**Hand Delivered**

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,496	11/30/2000	Masayoshi Koike	PM 275294 FOO-212-US	8880

TITLE OF INVENTION: LIGHT-EMITTING DEVICE USING GROUP III NITRIDE GROUP COMPOUND SEMICONDUCTOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	06/28/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
CRANE, SARA W	2811	257-014000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

McGinn & Gibb, PLLC

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Toyoda Gosei Co., Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Nishikasugai-gun, Aichi-ken, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent):

☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee

☒ Publication Fee (No small entity discount permitted)

☒ Advance Order - # of Copies 5

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0481 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Phillip E. Miller

Date

6/16/05

Typed or printed name

Registration No. 46,060

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

OL-85 (Rev. 12/04) Approved for use through 04/30/2007.

OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**BEST AVAILABLE COPY**



BEST AVAILABLE COPY

Attorney's Post Card Filing Receipt  
Serial Number: 01/735416 Papers Filed On: 06/16/05

Attorney's Docket Number: F00-212-05 ☒ Patent ☐ Trademark

Applicant's Name: Kelika, et al. Application Filing Date: 11/30/00  
Papers Filed Herewith:

- ☐ Amendment ☐ Request for Extension of Time ☐ CPA  
☐ Notice of Appeal ☐ Appeal Brief (in triplicate) ☐ Reply Brief  
☐ IDS ☐ 1449 Form w/      Documents ☐ Priority Document(s)  
☐ Assignment ☐ Recordation Cover Sheet ☐ Formal Drawings  
☐ Drawing Corrections ☒ Issue Fee Transmittal ☐ Missing Parts  
☒ Other Publication Fee

Fees Filed Herewith: \$ 1715 ☒ Check ☐ Charge Deposit Account:     

#13200

Hand Delivered

Attorney's Post Card Filing Receipt  
Serial Number: 01/735496 Papers Filed On: 06/16/05

Attorney's Docket Number: F00-212-05 ☒ Patent ☐ Trademark

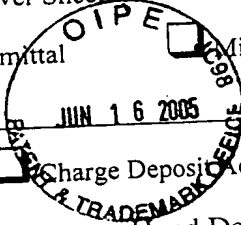
Applicant's Name: Kelika, et al. Application Filing Date: 11/30/00  
Papers Filed Herewith:

- ☐ Amendment ☐ Request for Extension of Time ☐ CPA Request  
☐ Notice of Appeal ☐ Appeal Brief (in triplicate) ☐ Reply Brief  
☐ IDS ☐ 1449 Form w/      Documents ☐ Priority Document(s)  
☐ Assignment ☐ Recordation Cover Sheet ☐ Formal Drawings  
☐ Drawing Corrections ☒ Issue Fee Transmittal ☐ Missing Parts  
☒ Other Publication Fee

Fees Filed Herewith: \$ 1715 ☒ Check ☐ Charge Deposit Account:     

#13200

Hand Delivered



BEST AVAILABLE COPY

6/16/05 Commissioner USPTO

DATE: 06/16/05

TO THE ORDER OF: Free Howard Smith Fund for the Blind and Visually Impaired

GROSS INCOME TAX: 1715.00

NET AMOUNT: 1715.00

CHECK NUMBER: 13200

TIME: 11:50

DATE: 06/16/05

TIME: 11:50

DATE: 06/16/05

TIME: 11:50